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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,977	06/30/2003	Shinichiro Iwata	11-227056DIV	6990

21254 7590 09/08/2004

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EXAMINER

TRAN, DALENA

ART UNIT	PAPER NUMBER
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3661

DATE MAILED: 09/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/607,977

Applicant(s)

IWATA, SHINICHIRO

Examiner

Dalena Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 18-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 18-22 is/are rejected.
- 7) ☒ Claim(s) 23 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/30/03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Notice to Applicant(s)

1. This application has been examined. Claims 18-23 are pending.
2. The prior art submitted on 6/30/03 has been considered.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 18-19, are rejected under 35 U.S.C.102(e) as being anticipated by Yano et al. (5,936,631).

As per claim 18, Yano et al. disclose a map display method for displaying a map of a destination position, the method comprising: entering a latitude and longitude of destination position into a map display terminal (see column 5, lines 8-26; column 5, line 45 to column 6, line 23; column 7, line 39 to column 8, line 3; and column 22, lines 42-61), displaying initially a wide area map of an area having a smaller value of a scale ratio than an expanded and more detailed map of area (see column 2, lines 38-59; and column 13, lines 37-67), and centering map displays on destination position (see column 5, lines 8-26).

As per claim 19, Yano et al. disclose expanding map displays of wide area map in a step-by-step manner until expanded and more detailed map is displayed (see column 6, lines 40-67).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 20, is rejected under 35 U.S.C.103(a) as being unpatentable over Yano et al. (5,936,631) in view of DeLorme et al. (6,321,158).

As per claim 20, Yano et al. do not disclose downloading map display information of expanded and more detailed map from a server. However, DeLorme et al. disclose downloading map display information of expanded and more detailed map from a server (see column 6, line 50 to column 7, line 7; and column 8, lines 12-52). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of Yano et al. by combining downloading map display information of expanded and more detailed map from a server to provide the user with the capability to select geographic areas, travel origin and destinations along the travel route, levels of map detail for maps covering wider geographical areas by way of on-line access.

7. Claims 21-22, are rejected under 35 U.S.C.103(a) as being unpatentable over Yano et al. (5,936,631), and DeLorme et al. (6,321,158) as applied to claim 20 above, and further in view of Kondou et al. (6,073,075).

As per claim 21, Yano et al., and DeLorme et al. do not disclose communicating between map display terminal and server through a portable radio telephone network. However, Kondou et al. disclose communicating between map display terminal and server through a portable radio

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telephone network (see the abstract; column 2, lines 26-52; column 4, lines 26-58; and column 6, lines 47-61). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of Yano et al., and DeLorme et al. by combining communicating between map display terminal and server through a portable radio telephone network to assist the driver along the travel route while driving to the destination.

As per claim 22, DeLorme et al. disclose expanding each map display of wide area map in a step-by-step manner depends upon progress of downloading of expanded and more detailed map information (see column 25, line 58 to column 26, line 33; and column 26, line 61 to column 27, line 17).

8. Claim 23 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

. Takanabe et al. (4,675,676)

. Takishita (6,121,900)

. Nimura et al. (6,202,026)

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dalena Tran whose telephone number is 703-308-8223. The examiner can normally be reached on M-F (7:30 AM-5:30 PM), off every other Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on 703-305-8233. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner
Dalena Tran

A handwritten signature in cursive script, appearing to read 'Dalena Tran'.

September 1, 2004